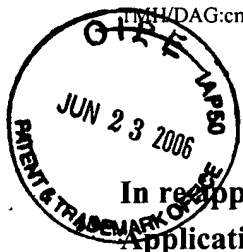


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Suzanne Chamberland *et al.*

Application No.: 10/567,660

Filed: February 8, 2006

Confirmation No.: 3960

For: HALOGENATED QUINAZOLINYL  
NITROFURANS AS ANTIBACTERIAL  
AGENTS

Examiner: \_\_\_\_\_

Art Unit: \_\_\_\_\_

Attorney Reference No.: 4810-73194-01

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TRANSMITTAL LETTER

Enclosed for filing in the application referenced above are the following:

- ☒ Information Disclosure Statement ("IDS")
- ☒ Form PTO/SB/08A and copies of twenty-three non-U.S. references cited thereon (together with at least partial English language translations of DE 2,140,280 and BE 672504)

It is believed that no fee is required to file this IDS; however, the Commissioner is hereby authorized to charge any fees that may be required in connection with this filing to Deposit Account No. 02-4550. A copy of this sheet is enclosed.

Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

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121 S.W. Salmon Street  
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Telephone: (503) 595-5300  
Facsimile: (503) 595-5301

By: *Debra A. Gordon*  
Debra A. Gordon, Ph.D.  
Registration No. 54,128

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

Listed on the accompanying form PTO/SB/08A are several English-language and non-English language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

The non-English language documents have been provided with an English abstract (WO 2003/091224) or a complete (DE 2,140,280) or partial (BE 672504) English translation from which the Office can determine the relevance of the documents.

Copies of foreign patents, foreign patent applications, and other non-patent documents accompany this Information Disclosure Statement ("IDS"). Copies of United States patents, United States published patent applications, and unpublished U.S. applications otherwise available on PAIR do not have to be provided (37 C.F.R. 1.98(a)(2)(ii) and Official Gazette Notice on October 19, 2004 (1287 OG 163)). Applicants will provide copies of such U.S. patents or U.S. patent applications upon request.

Applicants filed this IDS before the mailing date of a first Office action on the merits. As a result, no fee should be required for this filing. However, if the Commissioner determines that a fee is required to file this IDS, please charge any such fee to the deposit account referenced on the accompanying transmittal letter.

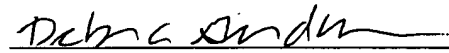
The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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By:



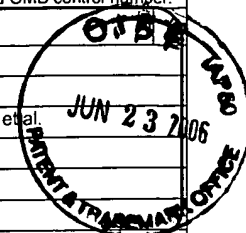
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |                        | Application Number       | Not yet assigned           |
|  |                        | Filing Date              | February 8, 2006           |
|  |                        | First Named Inventor     | Suzanne Chamberland et al. |
|  |                        | Art Unit                 | Not yet assigned           |
|  |                        | Examiner Name            | Not yet assigned           |
| Sheet 1 of 3   | Attorney Docket Number | 4810-73194-01            |                            |



| U.S. PATENT DOCUMENTS |                       |   |                               |   |  |
|-----------------------|-----------------------|---|-------------------------------|---|--|
| Examiner Initials *   | Cite No. <sup>1</sup> | Document Number<br>Number-Kind code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYY | Name of Patentee or Applicant of Cited Document | Page, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                       | A1                    | US-2004/0043987   | 03-04-2004                    | Neurosearch A/S                                 |  |
|                       | A2                    | US-2004/0131628 A1  | 07-08-2004                    | Bratzler, Robert L. et al.                      |  |
|                       | A3                    | US-6,479,499  | 11-01-2004                    | National Science Council (TW)                   |  |
|                       | A4                    | US-2003-0125344   | 07-03-2003                    | Bayer Corporation                               |  |
|                       | A5                    | US-2003/0220357   | 11-27-2003                    | Bankston, D. et al.                             |  |
|                       | A6                    | US-2002161014 A1  | 10-31-2002                    | Chanchal, Sadhu et al.                          |  |
|                       | A7                    | US-2002/0025968   | 02-28-2002                    | Pamkcu, R.; Piazza, G.                          |  |
|                       | A8                    | US-6,429,311  | 08-06-2002                    | Sepracor Inc.                                   |  |
|                       | A9                    | US-2001/0018518   | 08-30-2001                    | Gao, Yun  |  |
|                       | A10                   | US-6,306,864  | 10-23-2001                    | Pfizer, Inc.                                    |  |
|                       | A11                   | US-6,380,204  | 10-23-2001                    | Xerox Corporation                               |  |
|                       | A12                   | US-6,184,377 B1   | 02-06-2001                    | Sepracor Inc.                                   |  |
|                       | A13                   | US-5,436,233  | 07-25-1995                    | Ono Pharmaceutical Co. Ltd.                     |  |
|                       | A14                   | US-5,439,895  | 08-08-1995                    | Ono Pharmaceutical Co. Ltd.                     |  |
|                       | A15                   | US-3,970,648  | 07-20-1976                    | Diamond Shamrock                                |  |
|                       | A16                   | US-3,973,021  | 08-03-1976                    | Diamond Shamrock                                |  |
|                       | A17                   | US-3,974,277  | 08-20-1976                    | Diamond Shamrock                                |  |
|                       | A18                   | US-3,542,784  | 11-24-1970                    | Norwich   |  |
|                       | A19                   | US-3,324,122  | 07-06-1967                    | Norwich   |  |

| FOREIGN PATENT DOCUMENTS |                       |  |                                |   |   |
|--------------------------|-----------------------|--|--------------------------------|---|---|
| Examiner Initials *      | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                          | B1                    | WO 2005/014585 A1  | Feb. 17/05                     | Ulysses Pharmaceuticals Products Inc.           | <input type="checkbox"/>  |
|                          | B2                    | WO 2004/004658 A2  | Jan. 15/04                     | Point Therapeutics, Inc.                        | <input type="checkbox"/>  |
|                          | B3                    | WO 2003/091224 A1  | Nov 6/03                       | Nippon Shinyaku Co. Ltd.                        | <input type="checkbox"/>  |
|                          | B4                    | WO 01/81346 A3   | Nov. 1/01                      | ICOS Corp.                                      | <input type="checkbox"/>  |

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| PTO/SB/08B (08-03)<br>Approved for use through 07/31/2006. OMB 0651-0031<br>U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE                   |                        |                          |                            |
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i>  |                        | Application Number       | Not yet assigned           |
|   |                        | Filing Date              | February 8, 2006           |
|   |                        | First Named Inventor     | Suzanne Chamberland et al. |
|   |                        | Art Unit                 | Not yet assigned           |
|   |                        | Examiner Name            | Not yet assigned           |
| Sheet 2 of 3  | Attorney Docket Number |                          | 4810-73194-01              |

| Foreign Patent Documents (continued) |                       |  |                                |   |   |                          |
|--------------------------------------|-----------------------|--|--------------------------------|---|---|--------------------------|
| Examiner Initials *                  | Cite No. <sup>1</sup> | Foreign Patent Document<br><small>Country Code*Number*Kind Code<sup>5</sup> (if known)</small> | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup>           |
|                                      | B5                    | WO 9834111 A1  | Aug. 6/98                      | Trega Biosciences Inc. (US)                     |   | <input type="checkbox"/> |
|                                      | B6                    | WO 9834115 A1  | Aug. 6/98                      | Trega Biosciences Inc. (US)                     |   | <input type="checkbox"/> |
|                                      | B7                    | DE 2,140,280   | Feb. 17/72                     | Chemische Fabrik von Heyden GmbH                |   | <input type="checkbox"/> |
|                                      | B8                    | GB 1,168,430   | Oct. 22/69                     | The Norwich Pharmacal Company                   |   | <input type="checkbox"/> |
|                                      | B9                    | BE 672504  | Mar. 16/66                     | The Norwich Pharmacal Company                   |   | <input type="checkbox"/> |

| NON PATENT LITERATURE DOCUMENTS |                       |  |                          |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials *             | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages, volume-issue number(s), publisher, city and /or country where published.   | T <sup>2</sup>           |
|                                 | C1                    | Burch, Homer A., "Nitrofuryl heterocycles, IV.4-Amino-2-(5-nitro-2-furyl) quinazoline derivatives" <i>Journal of Medicinal Chemistry</i> (1966), 9(3), 408-10  | <input type="checkbox"/> |
|                                 | C2                    | Cohen, Samuel M. et al., "Comparative carcinogenicity of 5-nitrothiophenes and 5-nitrofurans in rats" <i>Journal of the National Cancer Institute</i> (1976), 57(2), 277-82  | <input type="checkbox"/> |
|                                 | C3                    | Desos, Patrice et al. "Structure-Activity Relationships in a Series of 2[1H]-Quinolones Bearing Different Acidic Function in the 3-Position: 6,7 Dichloro-2[1H]-oxoquinoline-3-phosphonic Acid, a New Potent and Selective AMPA/Kainate Antagonist with Neuroprotective Properties" <i>Journal of Medicinal Chemistry</i> (1996) 39(1) 197-206 | <input type="checkbox"/> |
|                                 | C4                    | Gupta, K. "Addressing Antibiotic Resistance" <i>Dis. Mon.</i> (2003) 49(2) 99-110  | <input type="checkbox"/> |
|                                 | C5                    | Hour, Mann-Jen "6-Alkylamino- and 2,3 Dihydro-3'-methoxy-2-phenyl-4-quinazolinones and Related Compounds: Their Synthesis, Cytotoxicity, and Inhibition of Tubulin Polymerization" <i>Journal of Medicinal Chemistry</i> (2000) 43(23) 4479-4487   | <input type="checkbox"/> |

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a checkmark here if English language Translation is attached.  
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|   |      | Application Number       | Not yet assigned           |
|   |      | Filing Date              | February 8, 2006           |
|   |      | First Named Inventor     | Suzanne Chamberland et al. |
|   |      | Art Unit                 | Not yet assigned           |
|   |      | Examiner Name            | Not yet assigned           |
| Sheet 3   | of 3 | Attorney Docket Number   | 4810-73194-01              |

| NON PATENT LITERATURE DOCUMENTS (continued) |                       |  |                          |
|---|-----------------------|--|--------------------------|
| Examiner Initials *                         | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages, volume-issue number(s), publisher, city and /or country where published.                 | T <sup>2</sup>           |
|   | C6                    | Jiang, Jack B. et al. "Synthesis and biological evaluation of 2-styrylquinazolin-4(3H)-ones, a new class of antimitotic anticancer agents which inhibit tubulin polymerization" <i>Journal of Medicinal Chemistry</i> (1990) 33(6) 1721-28                                     | <input type="checkbox"/> |
|   | C7                    | Molina, Enrique et al., "Designing Antibacterial Compounds through a Topological Substructural Approach" <i>Journal of Chemical Information and Computer Sciences</i> (2004), 44(2), 515-521   | <input type="checkbox"/> |
|   | C8                    | Moskalenko, N. Yu et al., "4-Amino-2-styrylquinazolines, - a new class of antiprotozoal drugs" <i>Khimiko-Farmatsevticheskii Zhurnal</i> (1986), 20(4), 437-46   | <input type="checkbox"/> |
|   | C9                    | Nicolle, L.E. "Urinary Tract Infection: Traditional Pharmacologic Therapies" (2003) 49(2) 111-128  | <input type="checkbox"/> |
|   | C10                   | Ogawa, Nobuo et al. "Synthesis and histamine H2-antagonist activity of 4-quinzolinione derivatives" <i>Chemical &amp; Pharmaceutical Bulletin</i> (1988) 36(8) 2955-67   | <input type="checkbox"/> |
|   | C11                   | Van Natta, J.P. et al., "Determination of untreated whole-milk effects on in vitro antibacterial activity" <i>Applied Microbiology</i> (1970), 19(2), 220-23   | <input type="checkbox"/> |
|   | C12                   | Yakhontov, L.N. et al., "Synthesis and Study of Biological Activity of Substituted 4-Amino-2-Styrylquinazolines" <i>Khimiko-Farmatsevticheskii Zhurnal</i> (1975) 9(11) 12-18  | <input type="checkbox"/> |
|   | C13                   | Zhikhareva, G.P. et al., "Synthesis and Anti-Inflammatory Activity of Substituted 2-styryl-4-(δ-diethylamino-α-methylbutylamino)-6-nitro and 2-styryl-4-(δ-diethylamino-α-methylbutylamino)-6-aminoquinazolines" <i>Khimiko-Farmatsevticheskii Zhurnal</i> (1980) 14(2), 45-49 | <input type="checkbox"/> |
|   | C14                   | Zhikhareva, G.P. et al., "Synthesis and Antiviral Activity of Substituted 4-(δ-diethylamino-α-methylbutylamino)-2-styrylquinazolines" <i>Khimiko-Farmatsevticheskii Zhurnal</i> (1978) 12(11) 44-48  | <input type="checkbox"/> |

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